

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S74	2	("4338482").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/10 16:36
S75	94429	(photovoltaic or solar) near (cell or element or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 16:42
S76	1	S75 and ((two or dual or multiple) with (snO2 or "sno.sub.2" or (tin near oxide)) with layer?) and ("211" with (dominant or orientation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 16:44
S77	0	S75 and ((two or dual or multiple) with (snO2 or "sno.sub.2" or (tin near oxide)) near3 layer?) and ("211" with (dominant or orientation or plane))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 16:49
S78	52	S75 and ((two or dual or multiple) with (snO2 or "sno.sub.2" or (tin near oxide)) near3 layer?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 16:49
S79	1	S75 and ((snO2 or "sno. sub.2" or (tin near oxide)) near3 layer?) and ("211" with (dominant or orientation or plane))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 17:10
S80	64	S75 and ((snO2 or "sno. sub.2" or (tin near oxide))) and ("211" near4 (dominant or orientation or plane))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 17:10
S81	11	S80 and ((two or dual or multiple) near3 layer?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 17:11
S82	4	S75 and ("211" near4 (dominant or main or large\$3 or high\$3) near4 (orientation or plane))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 17:15
S83	94429	(photovoltaic or solar) near (cell or element or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 20:57

S84	0	S83 and ("211" with layer? with (dominant or main or large\$3 or high\$3) with (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 20:57
S85	25	S83 and ("211" with (dominant or main or large\$3 or high\$3) with (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 21:17
S86	1	S85 and ((dop\$3 or impurit\$3 or donor or ion?) with (F or Sb or Sn or Zn or B or Al or Ga or Nb or flourine or antimony or tin or zinc or aluminum or Cl or chlorin or niobium or boron or gallium)) and (oxide with layer?))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 21:21
S87	11	S85 and ((dop\$3 or impurit\$3 or donor or ion?) with (F or Sb or Sn or Zn or B or Al or Ga or Nb or flourine or antimony or tin or zinc or aluminum or Cl or chlorin or niobium or boron or gallium))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 21:22
S88	10	S85 and ((dop\$3 or impurit\$3 or donor or ion?) with (F or Sb or Sn or Zn or B or Al or Ga or Nb or flourine or antimony or tin or zinc or aluminum or Cl or chlorin or niobium or boron or gallium)) and (oxide with film))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 21:29
S89	0	S88 not S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 21:29
S90	12	S83 and ("211" near4 (dominant or main or large\$3 or high\$3) with (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 21:30
S91	215	S83 and ("211" with (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 22:26
S92	0	S91 and (antireflect\$3 with (film or layer\$2) with (top or out?er))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 22:28

S93	2	S91 and (antireflect\$3 with (film or layer\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 22:28
S94	132	S91 and ((dop\$3 or impurit\$3 or donor or ion?) with (F or Sb or Sn or Zn or B or Al or Ga or Nb or flourine or antimony or tin or zinc or aluminum or Cl or chlorin or niobium or boron or gallium)) and (oxide with film))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 22:30
S95	27	S94 and (gradient with (amount or mole or concentration or level or parts or weight or percent \$3) with (dop\$3 or impurit \$3 or ion?))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/10 22:32
S96	1636	((two or dual or multiple or more or plural\$3 or bilayer?) near (film or layer? or coat\$3)) with (stack or laminat\$3) with (oxide or (((tin or zince or (indium adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:06
S97	1	S96 and ("211" with (dominant or main or large\$3 or high\$3) with (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:07
S98	56102	((two or dual or multiple or more or plural\$3 or bilayer?) near (film or layer? or coat\$3)) and (((tin or zince or (indium adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:08
S99	47	S98 and ("211" with (dominant or main or large\$3 or high\$3) with (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:08

S100	13	S99 and ((dop\$3 or impurit\$3 or donor or ion?) with (F or Sb or Sn or Zn or B or Al or Ga or Nb or flourine or antimony or tin or zinc or aluminum or Cl or chlorin or niobium or boron or gallium)) and (oxide with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:08
S101	69643	((two or dual or multiple or more or plural\$3 or bilayer?) adj2 (film or layer? or coat\$3)) and (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:18
S102	3008	((two or dual or multiple or more or plural\$3 or bilayer?) adj2 (film or layer? or coat\$3)) with (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:18
S103	1122	S102 and ((dop\$3 or impurit\$3 or donor or ion?) with (F or Sb or Sn or Zn or B or Al or Ga or Nb or flourine or antimony or tin or zinc or aluminum or Cl or chlorin or niobium or boron or gallium))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:18
S104	1	S103 and ("211" near3 (dominant or main or large\$3 or high\$3) near3 (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 10:19
S105	2	("20060261447").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/11 10:35
S107	4	((("6218018") or ("6380480")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/11 10:36

S108	0	((two or dual or multiple or more or plural\$3 or bilayer?) adj2 (film or \$2layer? or coat\$3)) with (((tin or zince or (indiun adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO) same ("211" near3 (dominant or main or large\$3 or high\$3) near3 (peak or orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 11:08
S109	82	("211" near2 (dominant or main or large\$3 or high\$3) near2 (orientation or plane or axis))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:41
S110	1	S109 ((two or dual or multiple or more or plural \$3 or bilayer?) adj2 (film or \$2layer? or coat\$3)) with (((tin or zince or (indiun adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:41
S111	19	S109 (((tin or zince or (indiun adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:42
S112	201	("211" near (orientation or plane or axis) with (dominant or main or large\$3 or high\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:46
S113	1	S112 ((two or dual or multiple or more or plural \$3 or bilayer?) adj2 (film or \$2layer? or coat\$3)) with (((tin or zince or (indiun adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:47
S114	17	S112 ((film or \$2layer? or coat\$3) near2 (((tin or zince or (indiun adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:47

S115	5	("211" near (orientation or plane or axis)) with ((film or \$2layer? or coat \$3)) near2 (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO or (transparent adj conduc \$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 12:56
S116	8	("211" near2 (orientation or plane or axis direction)) same ((films or \$2layer? or coat\$3)) near2 (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO or (transparent adj conduc \$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:27
S117	1	("211" near2 (orientation or plane or axis direction)) same ((film? or \$2layer? or coat\$3)) near2 (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO or (transparent adj conduc \$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:28
S118	604	("211" near2 (orientation or plane or axis or direction) with (dominant or main or large\$3 or high \$3 or major))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:33
S119	184	S118 (((film or \$2layer? or coat\$3)) near3 (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO) near3 (((first and second)) or double or bilayer\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:34
S120	639	("211" near2 (orientation or plane or axis or direction or peak) with (dominant or main or large\$3 or high\$3 or major))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:35
S121	2	S120 (((film or \$2layer? or coat\$3)) near3 (((tin or zince or (indiu adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO) near3 (first and second))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:35

S122	804	((film or \$2layer? or coat \$3)) near3 (((tin or zince or (indium adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO) near3 (first and second))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:35
S123	1929	((film or \$2layer? or coat \$3)) near3 (((tin or zince or (indium adj tin)) adj oxide) or "SnO.sub.2" or ZnO or ITO or ((transparent or transluce\$2) adj conduc \$4)) near3 (first and second))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:36
S124	2	S123 ("211" near2 (orientation or plane or axis or direction or peak) with (dominant or main or large\$3 or high\$3 or major))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:37
S125	4	S123 ("211" near2 (orientation or plane or axis or direction or peak))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:37
S126	119	S119 @ad <= "20031002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:38
S127	3	S126 ((photovoltaic or solar or photoelectric) near (cell or element or device))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/08/11 13:39

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